

Ship Mar 1

Work Order ID 157159

157159

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Wednesday, February 15, 2017 3:13:07 PM

Item ID: D412-702-021 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration
Start Date: 2/15/2017 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 3/3/2017 Req'd Qty: 1.00 *1* Customer:
Reference:

Approvals: Process Plan: mf Date: 17-2-15 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
Run Start *NR1*
Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9559	A								
IIN-D412-702-1	A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D412-702-021 CHG003								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

DAS
6 FEB 21 2017
9-89

DAS
21
9-89

DAS
23 FEB 23 2017
9-89

/ DAS DAS
6 27
9-89 9-89
FEB 22 2017

Picklist Print

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Work Order ID: 157159

157159

Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 2/15/2017

Required Date: 3/3/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:B Removed Manufacturing 05-11-08 JLM
 IPP Rev:C06.04.03As per DSI9324 JLM
 IPP rev D 06.12.14 per ecn 871 EC
 IPP Rev:E 07-03-14 As per DSI 9351 JLM
 IPP Rev:F 07-07-28 As per Rev E JLM Verified By:ec IPP Rev.G
 11.05.31 DSI 9559 EC verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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AN4-13A

Purchased

No

120

Each

557.0000

4

4

AN4-13A

Bolt

**

FEB 22 2017

DAS
27
9-89

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FG 20
 122808 20
 GA 76
 m134634 19
 m135470 57
 over003 300
 m136787 300
 ST344 161
 m136665 161

AN4-20A

Purchased

No

120

Each

234.0000

8

8

AN4-20A

Bolt

**

FEB 22 2017

DAS
27
9-89

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA 6
 m116419 6
 over003 160
 m136586 100
 m136665 60
 ST343 68
 m135966 36
 m136148 32

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Work Order ID: 157159

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Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness,4 Point Attachment,13 Man Configuration

Start Date: 2/15/2017

Required Date: 3/3/2017

Start Qty: 1.00

Required Qty: 1.00

AN4-5A

Purchased

No

120

Each

109.0000

4

4

AN4-5A

BOLT

DAS
28
9-89

Location

Loc Qty

Loc Code

over003

100

m136787

100

ST345

9

m134039

9

D3195-041

Manufactured

No

120

Each

5.0000

2

2

D3195-041

Bracket

DAS
28
9-89

Location

Loc Qty

Loc Code

ST021

5

152845

5

D3195-043

Manufactured

No

120

Each

6.0000

2

2

D3195-043

Bracket

DAS
28
9-89

Location

Loc Qty

Loc Code

ST021

6

152844

6

D3196-1

Manufactured

No

120

Each

4.0000

1

1

D3196-1

Bar

DAS
28
9-89

Location

Loc Qty

Loc Code

ST256

4

148466

4

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FEB 7 7 2017

FEB 2 2 2017

FEB 2 2 2017

FEB 2 2 2017

DAS
27
9-89

DAS
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DAS
27
9-89

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Work Order ID: 157159

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Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 2/15/2017

Required Date: 3/3/2017

Start Qty: 1.00

Required Qty: 1.00

D3196-3 Manufactured No

120 Each

2.0000

1 1

D3196-3

Bar

DAS
28
9-89

Location

Loc Qty

Loc Code

ST256

2

150581

2

120 Each

6.0000

1 1

D3196-4

Manufactured No

D3196-4

Bar

DAS
28
9-89

Location

Loc Qty

Loc Code

ST256

6

155354

6

120 Each

1.0000

2 2

D3197-041

Manufactured No

D3197-041

Bar

DAS
28
9-89

Location

Loc Qty

Loc Code

ST256

1

152733

1

120 Each

17.0000

4 4

D3198-1

Manufactured No

D3198-1

Fitting

DAS
28
9-89

Location

Loc Qty

Loc Code

ST021

17

142843

1

150644

4

154528

4

155539

8

**

FEB 22 2017

DAS

DAS

27

9-89

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FEB 22 2017

DAS

DAS

27

9-89

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FEB 22 2017

DAS

DAS

27

9-89

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FEB 22 2017

DAS

DAS

27

9-89

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Work Order ID: 157159

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Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 2/15/2017

Required Date: 3/3/2017

Start Qty: 1.00

Required Qty: 1.00

D3268-1

Manufactured No

120

Each

5.0000

2

2

D3268-1

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST028

5

154442

5

12/23/2017

**

FEB 22 2017

DAS
27
9-89

D3546-1

Manufactured No

120

Each

6.0000

2

2

D3546-1

Clip

DAS
28
9-89

Location

Loc Qty

Loc Code

ST042

6

153028

6

**

FEB 22 2017

DAS
27
9-89

D3551-11

Manufactured No

120

Each

12.0000

13

13

D3551-11

Hook And Loop Tie

DAS
28
9-89

Location

Loc Qty

Loc Code

ST416

12

152595

4

154866

8

**

FEB 22 2017

9xB 157164
FEB 23 2017
DAS
27
9-89

D412-702-069

Manufactured No

120

Each

4.0000

1

1

D412-702-069

Grommet

DAS
28
9-89

Location

Loc Qty

Loc Code

ST370a

4

155649

4

**

FEB 22 2017

DAS
27
9-89

D4387-041

Manufactured No

120

Each

6.0000

9

9

D4387-041

Harness Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

ST467

6

154864

6

**

FEB 22 2017

156093xB
DAS
27
9-89

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Work Order ID: 157159

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Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness,4 Point Attachment,13 Man Configuration

Start Date: 2/15/2017

Required Date: 3/3/2017

Start Qty: 1.00

Required Qty: 1.00

D4387-043 Manufactured No

120 Each 12.0000 4 4

D4387-043

Harness Assembly

**

FEB 22 2017 DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST467

12

153111

4

154429

4

154863

4

MS21042L4 Purchased No

120 Each 2,472.000 12 12

MS21042L4

Nut

**

FEB 22 2017 DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

FP001

18

m133363

18

GA

187

m135058

187

OVER007

1500

m136450

500

m136838

1000

ST303

767

m136648

767

MS24694-S152 Purchased No

120 Each 16.0000 8 8

MS24694-S152

Screw

**

FEB 22 2017 DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST282

16

m136182

16

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Work Order ID: 157159

157159

Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 2/15/2017

Required Date: 3/3/2017

Start Qty: 1.00

Required Qty: 1.00

MS24694-S154

Purchased

No

120

Each

14.0000

8

8

MS24694-S154

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

ST282

14

m135058

14

**

FEB 22 2017

DAS
6
9-89

DAS
27
9-89

NAS1149D0463J

Purchased

No

120

Each

3,032.000

20

20

NAS1149D0463J

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

80

M134508

13

M135056

67

ST260a

1000

M136838

1000

ST263

1952

M136665

1952

**

FEB 22 2017

DAS
6
9-89

DAS
27
9-89

20

QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3196-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
4		4				D3198-1	FITTING
2	2					D3268-1	PLACARD
9	5		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20		20				AN960JD416	WASHER (OR NAS1149D0463J)
12		12				MS21042L4	NUT (OR MS21042-4)
8	2		6	2		MS24694-S152	SCREW
8	2		6	2		MS24694-S154	SCREW

QTY -069	Part Number	Description
X	D412-702-069	GROMMET KIT
24	D3619-2	GROMMET
1	D3619-2T1	HOLE PUNCH
1	D3619-2T2	STRIKER BLOCK
1	D3619-2T3	PUNCH
1	D3619-2T4	DIE

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-702-1 REV. A,
AND ICA-D412-702 REV. 4 OR EARLIER APPROVED REVISIONS
REF. TCCA STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: EASA.IM.R.S.00710

PURPOSE

The purpose of this DSI is to outline the replacement of existing D3446-041/-043 Shoulder Harnesses with the new and improved D4387-041/-043 Shoulder Harnesses.

CHANGE

For the following Kits, the D4387-041 and D4387-043 Shoulder Harnesses respectively replace the D3446-041 and D3446-043 Shoulder Harnesses as follows:

Old Harness P/N	Used On	New Harness P/N	Effectivity
D3446-041	D412-702-021	D4387-041	CHG 003 and subsequent
	D412-702-023		CHG 002 and subsequent
	D412-702-027		CHG 002 and subsequent
	D412-702-029		CHG 002 and subsequent
D3446-043	D412-702-021	D4387-043	CHG 003 and subsequent
	D412-702-025		CHG 002 and subsequent

Customers who want to upgrade their shoulder harnesses may replace their existing D3446-041/-043 with D4387-041/-043 per this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.05.09
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	MB	11.05.09
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9559	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		HARNESS CHANGE	NTS
DATE	11.05.09	COPYRIGHT © 2011 BY DART AEROSPACE LTD	
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